Record ID **NOTE: These Record ID numbers correspond to the listing of potentially affected analytical jobs listed on the 5/25/2016 notice at: http://energy.usgs.gov/GeochemistryGeophysics/GeochemistryLaboratories/GeochemistryLaboratoriesNotice.aspx**	Project Name	Project ID	Requesting Agency / Organization	Collaborators	Potentially Affected Publications (as of 03-10-2017) ***[note: yellow highlighted boxes indicate changes from the previous update on 9-28-2016]***	Comment / Current Status (as of 03-10-2017) ***[note: yellow highlighted boxes indicate changes from the previous update on 9-28-2016]***
C3-C8	Coal Util. & Critical Coal Quality Issues	7330-53573 & 8930-0IG80 (Brownfield) --- **NOTE: "7330" and "8930" are 'cost center' codes for accounting and funding purposes; these cost center codes refer to the CERSC (the CERSC was previously named the Central Energy Resources Team (CERT)**	U.S. Geological Survey (USGS) --- Central Energy Resources Science Center (CERSC)	N/A	no potentially affected publications identified	no additional comments
E2-E3; E5; E9; E13-E14; E18; E69; E71-E72, E74, E76-E78; O6; O10; O13	Link land, air, water in Florida	2920-CTFWO; Gx11nm00-CTFWOO; Shark River 2011; 2920-0H704; Sulfur Toxics/29; Greater Everglades Priority Ecosystems; FL_Canals_April_2012; Florida Canals & Transects_July 2012 --- **NOTE: codes refer to research from scientists working in the EERSC to the Greater Everglades Priority Ecosystems project; the "2920" cost center code refers to the EERSC**	USGS --- Eastern Energy Resources Science Center (EERSC)	N/A	no potentially affected publications identified	no additional comments
E4; E7	EPA Palos Verdes	EPA Sproul Cruis	USGS --- EERSC	U.S. Geological Survey, Reston, VA; S.S. Papadopulos & Associates, Bethesda, MD; U.S. Geological Survey, Menlo Park, CA; U.S. Geological Survey, Santa Cruz, CA; U.S. Geological Survey, Woods Hole, MA; Civil & Environmental Engineering, Stanford University, Stanford, CA; Department of Environmental Sciences, Xi'an Jiaotong-Liverpool University, Jangsu Province, PRC; Center for Geomicrobiology, Aarhus University, Aarhus, Denmark	Identified Publication: **---(1)---** Final Data Report for Factors Controlling DDE Dechlorination Rates on the Palos Verdes Shelf: A Field and Laboratory Investigation [USGS Report to the US EPA], available at: https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dc283e6c5d6056f88257426007417a2/5afcdfe1f2c43129882580ce006b625e!OpenDocument	Comment: **---(1)--- [Not affected]** Explanation: This report was initially identified as a potentially affected publication. Water samples (specifically, porewater samples, corresponding to Record ID numbers E4 and E7, were sent to the Inorganic Section of the Energy Geochemistry Laboratory for trace metal analyses via ICP-MS. After review, no data from these analyses are included in this report, and thus, this report is not affected by the Inorganic Section data quality issue.
R25-R26	Afghanistan Coal Assessment	Afghanistan Coal Assessment	USGS --- EERSC	Afghan Geological Survey; USAID	no potentially affected publications identified	Comment: The potentially affected analytical jobs (R25-R26) listed for Afghanistan Coal Assessment are the reruns of the Afghanistan samples for the World Coal Quality Inventory (WoCQI) study; these data have not been published. From the previous 1996-2008 data quality incident, the World Coal Quality Inventory (WoCQI) report [USGS Open-File Report 2010-1196; http://pubs.usgs.gov/of/2010/1196/] has the old (pre-2008) data for Afghanistan coal samples. A disclaimer regarding that first data quality incident was posted with the report, and all the cooperators were informed.
R27	Coal Resource Assessment Methodology	2920-0HEBC Task	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
O5	CGS Colorado ROMs	CGS Colorado ROMs	Colorado Geological Survey	N/A	no potentially affected publications identified	no additional comments

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O15	PATASIC / Pa. Geological Survey (PAGS), DCNR	PATASIC	Pennsylvania Department of Conservation and Natural Resources/Bureau of Topographic and Geologic Survey	N/A	no potentially affected publications identified	no additional comments
O17	ERIC GCM11MI009Z	ERIC GCM11MI009Z	USGS --- Lower Mississippi/Gulf Water Science Center	N/A	Identified publications: **---(1)---** USGS publication: Water Quality, Sediment Characteristics, Aquatic Habitat, Geomorphology, and Mussel Population Status of the Clinch River, Virginia and Tennessee, 2009–2011, USGS Data Series 802, available at: https://pubs.usgs.gov/ds/0802/ **---(2)---** Influences of Water and Sediment Quality and Hydrologic Processes on Mussels in the Clinch River, Journal of the American Water Resources Association, available at: http://onlinelibrary.wiley.com/doi/10.1111/jawr.12221/abstract	Comment: **---(1)--- [Affected – revision pending]:** Explanation: USGS Data Series 802 contains affected data from the Inorganic Section of the EGL. The affected data are found in Appendix Table A10: "Laboratory split replicates for streambed-sediment metals data from the Clinch River at Semones Island, VA, and the Clinch River at Horton Ford, TN, June 6–7, 2011." **---(2)--- [Not affected]:** Explanation: The journal article "Influences of Water and Sediment Quality and Hydrologic Processes on Mussels in the Clinch River," 2014, Journal of the American Water Resources Association, did not use any of the affected data in any analyses or was referenced in any discussions.
O18	NGA-IBG	NGA-IBG	National Geospatial-Intelligence Agency (NGA)	N/A	no potentially affected publications identified	no additional comments
O19-O21	Southern Illinois University	Southern Illinois University	Southern Illinois University	N/A	no potentially affected publications identified	no additional comments
O22	7230-53573	7230-53573	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
O23-O28	8932-ANX22 / NIST 8932-ANX2	8932-ANX22 / NIST 8932-ANX2 **NOTE:"8932" is the cost center code referring to the Crustal Geophysics and Geochemistry Science Center**	USGS --- Crustal Geophysics and Geochemistry Science Center	N/A	no potentially affected publications identified	no additional comments
C1-C2; E1; O16	Petroleum Processes Research	Petroleum Processes Task 4; 2920-C4510; Origin and controls on natural gas	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
C9; C10-C46	Energy Geochemistry Laboratory (EGL); Geochemistry Laboratories	Canspex	USGS --- CERSC	N/A	no potentially affected publications identified	no additional comments
E6; E8; E10-E12; E15-E17; E46; E50-E51; E68; E75; E80-E82; O7-O9; O11-O12, O14	Health Effects of Energy Resources	Gx11nm00-DN42OO; Gx11nm00-DN42000; 2920-0H600; 2920-0H704; Health Effects o; Mussels Project; WV_DEC_2012; GX13NM00DN42000; GX13NM00FH40100; BEN 2011 / GX12NM00DN42000; WVA – August 2011 / GX12NM00DN42000; WV Dec 2011; WV_Feb_2012; WV_May_2012; WV August 2012	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
E19	Alaska Rural Energy	Alaska Rural Energy	USGS --- CERSC and EERSC	N/A	no potentially affected publications identified	no additional comments

Record ID **NOTE: These Record ID numbers correspond to the listing of potentially affected analytical jobs listed on the 5/25/2016 notice at: http://energy.usgs.gov/GeochemistryGeophysics/GeochemistryLaboratories/GeochemistryLaboratoriesNotice.aspx**	**Project Name**	**Project ID**	**Requesting Agency / Organization**	**Collaborators**	**Potentially Affected Publications (as of 03-10-2017)** ***[note: yellow highlighted boxes indicate changes from the previous update on 9-28-2016]***	**Comment / Current Status (as of 03-10-2017)** ***[note: yellow highlighted boxes indicate changes from the previous update on 9-28-2016]***
E20-E25; E44-E45; E47; E49; E52-E66; E67; E70; E73; E79; R1-R17; R25-R26; R29-R30	Geochemistry of Solid Fuels	AC0000M MENDENHALL; NM00EAH; South African Coals; WoCQI - Tanzania; GX13NM00EAH7000; 8930-c4e6a; Afghanistan Coal Assessment; EAH4000 – Geochemistry of solid fuels	USGS --- EERSC	UNEP; ESKOM; ADAES, Inc.; IEA Clean Coal Centre; U.S. Geological Survey, Reston, VA; University of Texas at Dallas, Richardson, TX; Craton Resources (Pty) Ltd., Lobatse, Botswana; Department of Geological Survey, Economic Geology Division, Lobatse, Botswana; Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil; Kiwira Coal Mines, Mbeya, Tanzania; University of Zambia, Lusaka, Zambia; Minufiya University, Sadat City, Egypt; Ministry of Energy and Minerals, Dodoma, Tanzania; University of Botswana, Gaborone, Botswana; Afghan Geological Survey	Identified publications: **---(1)---** USGS Open-File Report: Collaborative Studies for Mercury Characterization in Coal and Coal Combustion Products, Republic of South Africa, Open-File Report 2014-1153, https://pubs.er.usgs.gov/publication/ofr20141153 ; **---(2)---** USGS Data Series Report: Geochemical database of feed coal and coal combustion products (CCPs) from five power plants in the United States, Data Series 635, https://pubs.usgs.gov/ds/635/ ; **---(3)---** Partitioning of selected trace elements in coal combustion products from two coal-burning power plants in the United States, International Journal of Coal Geology, available at: http://dx.doi.org/10.1016/j.coal.2012.08.010	Status Update: **---(1)--- [Affected – revisions completed]** USGS Open-File Report 2014-1153 has been revised and reposted: https://pubs.er.usgs.gov/publication/ofr20141153 with a notice in the "Version History" http://pubs.usgs.gov/of/2014/1153/versionHist.txt ; cooperators have been notified; a companion journal article, in International Journal of Coal Geology, was revised and corrected prior to publication (http://dx.doi.org/10.1016/j.coal.2016.02.002) **---(2)--- [Not affected]** Analyses for DS 635 were checked, including rerunning samples, to check data quality. The lead scientist conducted a data review with laboratory staff before the publication was drafted and submitted for peer review. We have confidence that the data in this publication are correct, and that this publication is not affected by this data quality incident. **---(3)--- [Not affected]** The data in the article published in International Journal of Coal Geology were checked again prior submitting the paper for review and publication. All data used in this article passed these checks, and we are confident in the quality of these data. This publication is not affected by this data quality incident.
(cont'd)	Geochemistry of Solid Fuels (cont'd)	(cont'd)	(cont'd)	(cont'd)	**---(4)---** One publication in the journal, Energy & Fuels, entitled "A USANS/SANS Study of the Accessibility of Pores in the Barnett Shale to Methane and Water," http://pubs.acs.org/doi/abs/10.1021/ef301859s **---(5)---** Other draft reports were identified.	**---(4)--- [Not affected]** This journal publication in Energy & Fuels was initially identified as potentially affected, but after review, this publication is not affected by the data quality incident. Explanation: This data quality incident pertains to Inductively Coupled Plasma – Mass Spectrometry (ICP-MS) analyses of trace elements and rare earth elements. On p. 773 in this journal publication, Table 2 is labeled as presenting "Sample number; major oxides (wt %, not normalized to 100%) as Determined by Inductively Coupled Plasma Mass Spectroscopy". However, the data presented in Table 2 are for "major oxides" (not trace elements or rare earth elements) and were not analyzed via ICP-MS. Major oxides would have been analyzed using a different instrument and technique, that is, via Inductively Coupled Plasma – Optical Emission Spectrometry, which is not affected by this data quality incident. **---(5)---** Draft reports will undergo revision or collect new data, or have been withdrawn from further review and consideration.

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E26-E42; R22-R23	Uranium in the Environment	8930-C5G1A/Otton; ISL Samples, XRD; Uranium Environmental Task; GX11RM00DZ51A00; Uranium 8930-DZ5; Mendenhall_8930-AEW2F	USGS --- CERSC	CSM student **NOTE:** **CSM: Colorado School of Mines; also, a UNM (University of New Mexico) student was involved in some of this work**	no potentially affected publications identified; draft reports, and a student presentation and student project report, were identified	Comment: See 3-10-2017 program update web notice for more information regarding inquiries in connection with the following USGS publication: Hydrological, Geological, and Biological Site Characterization of Breccia Pipe Uranium Deposits in Northern Arizona, USGS Scientific Investigations Report 2010-5025, available at: https://pubs.usgs.gov/sir/2010/5025/ After review, data from the Inorganic Section of the Energy Geochemistry Laboratory are not used in this publication.
E43; E83	Gulf Coast Framework Studies	2920-BNVGC – Gul; Gulf of Mexico Oil and Gas Asst.	USGS --- CERSC and EERSC	Genesis Gas & Oil LLC, Kansas City, MO	no potentially affected publications; a draft report was identified	no additional comments
R18-R19; R24	National Assessment of Oil and Gas Resources (NOGA)	89300IE National Assessment of Oil and Gas Resources; 8930-com01	USGS --- CERSC	Hess Corp.	no potentially affected publications identified	no additional comments
R20-R21	US Coal Resources and Reserves Assessment	US Coal Assessment Project, Task 2	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
R28	State Co-ops	29200HF20	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
O1	Produced Waters	Produced Waters	USGS --- EERSC	N/A	no potentially affected publications identified	no additional comments
E48	Geologic CO2 Sequestration	Carbon Sequestration-Geologic Research & Assessment	USGS --- EERSC	Denbury Resources	no potentially affected publications identified; a draft report was identified	no additional comments